

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/FR2004/001729

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C12N15/11 C12N15/63 A61K31/713

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C12N A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, Sequence Search, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ULLOA L ET AL: "DEPLETION OF CASEIN KINASE II BY ANTISENSE OLIGONUCLEOTIDE PREVENTS NEURITOGENESIS IN NEUROBLASTOMA CELLS". EMBO JOURNAL, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 12, no. 4, 1993, pages 1633-1640, XP002952118 ISSN: 0261-4189 cited in the application page 1639, paragraphs 2, 4	9-11
Y	US 2002/147163 A1 (FREIER SUSAN M ET AL) 10 October 2002 (2002-10-10) page 4, paragraphs 32, 33 page 8, paragraph 58 SEQ ID NOS: 24, 26, 47	1-26
Y		1-26
-/-		

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the International search

Date of mailing of the International search report

19 January 2005

02/02/2005

Name and mailing address of the ISA

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C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 455 307 B1 (FREIER SUSAN M ET AL) 24 September 2002 (2002-09-24) column 14, lines 54-67 SEQ ID NO: 44 -----	1-26
Y	FAUST RUSSELL A ET AL: "Antisense oligonucleotides against protein kinase CK2-alpha inhibit growth of squamous cell carcinoma of the head and neck in vitro" HEAD AND NECK, vol. 22, no. 4, July 2000 (2000-07), pages 341-346, XP009027373 ISSN: 1043-3074 cited in the application page 342 page 343, right-hand column, paragraph 3 -----	1-26
Y	WO 00/63364 A (AMERICAN HOME PROD ;PACHUK CATHERINE (US); SATISHCHANDRAN C (US)) 26 October 2000 (2000-10-26) cited in the application the whole document -----	1-26
Y	VOORHOEVE P M ET AL: "Knockdown stands up" TRENDS IN BIOTECHNOLOGY, ELSEVIER PUBLICATIONS, CAMBRIDGE, GB, vol. 21, no. 1, January 2003 (2003-01), pages 2-4, XP004397628 ISSN: 0167-7799 cited in the application the whole document -----	1-26
Y	READ M L ET AL: "RNA-based therapeutic strategies for cancer" EXPERT OPINION ON THERAPEUTIC PATENTS 01 MAY 2003 UNITED KINGDOM, vol. 13, no. 5, 1 May 2003 (2003-05-01), pages 627-638, XP002314125 ISSN: 1354-3776 page 627 - page 629, right-hand column, paragraph 2 -----	1-26
Y	PARRISH S ET AL: "Functional anatomy of a dsRNA trigger: Differential requirement for the two trigger strands in RNA interference" MOLECULAR CELL, CELL PRESS, CAMBRIDGE, MA, US, vol. 6, no. 5, November 2000 (2000-11), pages 1077-1087, XP002226298 ISSN: 1097-2765 the whole document -----	1-26
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>ELBASHIR S M ET AL: "Functional anatomy of siRNAs for mediating efficient RNAi in <i>Drosophila melanogaster</i> embryo lysate" <i>EMBO JOURNAL</i>, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 20, no. 23, 3 December 2001 (2001-12-03), pages 6877-6888, XP002225998 ISSN: 0261-4189 the whole document</p> <p>BRANTL S: "Antisense-RNA regulation and RNA interference" <i>BIOCHIMICA ET BIOPHYSICA ACTA . GENE STRUCTURE AND EXPRESSION</i>, ELSEVIER, AMSTERDAM, NL, vol. 1575, no. 1-3, 3 May 2002 (2002-05-03), pages 15-25, XP004356720 ISSN: 0167-4781 the whole document</p>	1-26
A	<p>BUCHOU THIERRY ET AL: "La protéine kinase CK2, une enzyme qui cultive la différence." <i>M-S (MEDECINE SCIENCES)</i>, vol. 19, no. 6-7, June 2003 (2003-06), - July 2003 (2003-07) pages 709-716, XP009027436 ISSN: 0767-0974 the whole document</p>	
A	<p>AHMED KHALIL ET AL: "Joining the cell survival squad: An emerging role for protein kinase CK2" <i>TRENDS IN CELL BIOLOGY</i>, vol. 12, no. 5, May 2002 (2002-05), pages 226-230, XP002273461 ISSN: 0962-8924 the whole document</p>	
A	<p>VALERO EMMANUELLE ET AL: "Modulation of the protein kinase CK2 activity by a synthetic peptide corresponding to the N-terminus of its beta regulatory subunit" <i>BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS</i>, vol. 232, no. 1, 1997, pages 178-182, XP002273462 ISSN: 0006-291X the whole document</p>	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/FR2004/001729

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 2002147163	A1	10-10-2002	WO	02062818 A2	15-08-2002
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WO 0063364	A	26-10-2000	AU BR CA CN EP JP WO US US US US US	4472100 A 0009884 A 2370628 A1 1375004 T 1171586 A2 2002542263 T 0063364 A2 2004138168 A1 2004147476 A1 2004198690 A1 2004266721 A1 2005004067 A1	02-11-2000 08-01-2002 26-10-2000 16-10-2002 16-01-2002 10-12-2002 26-10-2000 15-07-2004 29-07-2004 07-10-2004 30-12-2004 06-01-2005